

INDUSTRIAL COMPONENT DATA

VAL-SEC-T2-3C-175-FM 2905353 VAL-CP-3C-175 2859466
PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: VAL-SEC-T2-3C-175-FM



Manufacturer	PHOENIX CONTACT
MPN / Reference	VAL-SEC-T2-3C-175-FM
Catalog number	VAL-CP-3C-175 2859466
Category	Surge protection device for power supply systems
Minimum order	1 Pcs
Document ID	EO-C31D8C9597
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Product Overview

Type 2 surge arrester

Plug-in surge arrester according to type 2/class II, for three-phase power supply networks with PE and N routing combined in one conductor (4-conductor system: L1, L2, L3, PEN), with remote indication contact.

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > Trabtech (TT)

Additional Product Information

Key Commercial Data

Orderkey 2905353

Packing unit 1 pc

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GTIN 4046356948258

Weight per Piece (excluding packing) 297.000 g

Custom tariff number 85363030

Country of origin DE (Germany)

Dimensions

Height 97.9 mm

Width 37.3 mm

Depth 74.5 mm (incl. DIN rail 7.5 mm)

Horizontal pitch 2 Div.

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -40 °C ... 80 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

Altitude ≤ 2000 m (amsl (above mean sea level))

Permissible humidity (operation) 5 % ... 95 %

Shock (operation) 30g (Half-sine / 11 ms / 3x ±X, ±Y, ±Z)

Vibration (operation) 5g (10 ... 500 Hz / 2.5 h / X, Y, Z)

General

IEC test classification II

T2

EN type T2

IEC power supply system TN-C

Mode of protection L-PEN

Mounting type DIN rail: 35 mm

Color light grey RAL 7035

traffic grey A RAL 7042

Housing material PA 6.6-FR 20% GF

PBT-FR

Degree of pollution 2

Flammability rating according to UL 94 V-0

Type DIN rail module, two-section, divisible

Number of positions 3

Surge protection fault message Optical, remote indicator contact

Protective circuit

Nominal voltage UN 120/208 V AC (TN-C)

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 175 V AC

Rated load current IL 40 A (Biconnect M4 fork-type cable lug 6 mm²)

63 A (TWIN ferrule 2 x 10 mm²)

Nominal discharge current I_n(8/20) μs 20 kA

Maximum discharge current I_{max}(8/20) μs 40 kA

Short-circuit current rating ISCCR 25 kA (in case of 315 A gG backup fuse)

50....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VAL-SEC-T2-3C-175-FM with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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